

Weber, O. A.

Polarographic determination of uranium (VI). V.B.
Vouk, M. Branica, and O. A. Weber (Univ. Zagreb,
 Croatia). Archiv Kem. 25, 225-9 (1953) (In English)
 cf. C.A. 45, 8393c-In a soln. contg. 1.6 salicylic
 acid/l., 4 ml. H_2SO_4 /l. and 0.002% thymol, the diffusion
 current is proportional to the concn. of U (VI) for 5-50
 /ml. with a standard error of 0.8 %.
 Procedure: evap. the soln. of U (VI) to dryness with 1 ml.
 $HClO_4$. Take up in the supporting electrolyte, and deaerate
 for 10 min. before the polarogram. K.G.S.

WEBER, O. A.

Polarographic behavior of uranium(VI) in a mixture of salicylic and sulfuric acid. O. A. Weber, M. Brankov, and V. B. Vovsi (Inst. Med. Research, Zagreb, Croatia), *Arhiv Kem.* 25, 235-40 (1953) (in English); cf. preceding 2 abstrs. — $E_{1/2}$ for U(VI) is -0.2127 ± 0.0007 v. The diffusion coeff. for 4×10^{-4} M U(VI) is 4.04×10^{-6} sq. cm./sec. The diffusion-current const. ($607 \pm D^{1/2}$) is 1.22. The peak of the electrocapillary curve for Hg in this medium is at -0.54 v. vs. the satd. calomel electrode. K. G. S.

4-11 CS
RMB

WEBER, O. VALIC, F.

Polarographic determination of uranium in blood. In English. p. 53.
ARHIV ZA KEMIJU (Hrvatsko kemijsko drustvo i sekcija kemičara Društva
inženjera i tehničara Hrvatske) Zagreb. Vol. 27, no. 2, 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, Feb. 1956

Webster, O. A.

Normal values of lead concentration in human blood. V. R. Vouk, K. Veloder, O. A. Weber, and Ljerka Puzos (Yugoslav Acad. Sci. Arts, Zagreb). *Arch. Hig. Peda.* 257-271 (1954) in English. — Pb was determined in the blood of 100 men and 65 women by the diffusion method. None of these people had been exposed to Pb. By statistical methods it was established that the rural population has lower Pb content in blood than the urban population. Normal value was found to be 10 μ /100 ml. of blood. V. Mihalov

4

Institute of Industrial Hygiene, Yugoslav Academy of Sciences and Arts, Zagreb, Tokskoloski odjel i instituta za medicinsku istrazivanje, Zagreb.

WEBER, O.A.

1684. Treatment of polarographic data by the method of least squares. II. Simultaneous estimation of the diffusion current and the half-wave potential. V. B. Vouk, P. K. Karmakar and O. A. Weber (Inst. Med. Res., Yugoslav Acad. Sci., Zagreb, Yugoslavia). *Archiv Kemi.*, 1955, 27 (1), 9-13. The method of least squares has been applied to the simultaneous determination of $E_{1/2}$ and i_d with an accuracy slightly greater than that obtained from the usual graphical methods. The method is very well suited to the analysis of composite current-voltage curves, particularly for those metals whose curves tend to coalesce, e.g., those of Pb²⁺ and Tl⁺. The paper is mainly mathematical in its treatment, but the equations derived are illustrated by use of the data collected from the polarograms of $4.0 \times 10^{-4} N$ TlNO₃ and $4.0 \times 10^{-4} N$ Pb acetate in 0.1 N KCl as supporting electrolyte.

D. G. Higgs

②

Smil

Weber, O.A.

✓ Potarographic determination of uranium in blood. (1)
 Valic and O. A. Weber (Inst. med. israhvania for blood)
 Zagreb, Yugoslavia. *Archiv. kem.* 27, 63-67 (1955) (in D)
 English).—After heating blood with HNO_3 and H_2O_2 , a
 5-ml. sample is transferred to a 100-ml. Kjeldahl flask and
 15-20 ml. of concd. HNO_3 are added in portions of 5 ml.,
 gently heating the mixt. on an electrically heated air bath,
 the contents being evapd. to dryness after each addn. until
 a clear, colorless, acid soln. is obtained. Ten ml. of 30%
 H_2O_2 is then added; the flask is again put on the air bath
 and heated to boiling. The soln. is evapd., heated with a
 small amt. of redistd. H_2O until all sol. matter is dissolved,
 and then extd. with about 8 ml. of tetrahydropyran (I)
 for 2 hrs. in a microextractor. The resinous product formed
 during extn. at elevated temps. is destroyed with HNO_3 and
 H_2O_2 as described before, great care being taken to evap.
 the last traces of I before adding HNO_3 . The residue is
 transferred to a crucible, evapd. on a water bath, and ig-
 nited at nearly red heat in an elec. oven. After cooling, a
 small amt. of dil. H_2SO_4 is added into the crucible, and the
 latter is heated over a water bath until all H_2O has evapd.
 The residue is then dissolved gradually in 500 microliters
 of the supporting electrolyte contg. salicylic acid 0.10, thy-
 mol 0.009, and H_2SO_4 0.4% by vol. having in mind that the
 percentage content of the latter includes the amt. of H_2SO_4
 added before. O is displaced by bubbling H_2 through the
 soln. for 10 min. prior to the detn. It is purified by passing it
 through a satd. soln. of pyrogallol in NaOH . The wave
 height is measured by the point method. In two parallel
 detns. the standard error is $3.10 \pm 1/100$ ml. blood.
 N. Phyllis.

AmL
 MET

YUGOSLAVIA / Physical Chemistry. Molecule. Chemical Bond. B-4

Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 3564.

Author : Weber, O. A. and Vouk, V. B.

Inst : Not given.

Title : On the Molecular Extinction Coefficient of Dithizone and of Lead Dithizonate in CCl_4 .

Orig Pub: Bull Scient Conseil Acad RPFY, 3, No 2, 52 (1956) (in German).

Abstract: The extinction coefficients of solutions of dithazone (I) and of lead dithizonate (II) in CCl_4 have been measured. The measurements were made at λ (max) 620 and 520m μ . Values of ϵ I = $3.64 \cdot 10^4$ and ϵ II = $7.29 \cdot 10^4$ were obtained.
-- V. Koryazhkin.

Card 1/1

WEBER, O. A.

YUGOSLAVIA/Analytical Chemistry - Analysis of Inorganic Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24777

Author : ~~Weber, O. A.~~

Inst : -

Title : Note on Polarographic Determination of Small Amounts of Lead.

Orig Pub : Croat. chem. acta, 1957, 29, No 2, 73-77

Abstract : Description of characteristics of a new background electrolyte (0.5 N aqueous solution of succinic acid containing 0.008% gelatin) suitable for polarographic determination of small amounts of Pb (about 1 μ /ml). It was ascertained that under the conditions of utilization of this background there takes place, at the Hg-cathode, a reversible reduction of Pb^{2+} to metallic Pb.

Card 1/1

4

WEBER, O.A.

"A continuous electrophoretic separation of the radioactive mixture ^{115}Cd - ^{124}In " by [Institut "R.Boskovic", Zagreb] Z. Konrad-Jakovac and Z.Pucar. Reviewed by O.A.Weber. Bul so Youg 7 no.3:73 · Je '62.

WEBER, O.A.

"The behavior of the system: gelatin-ferric chloride-neutral electrolyte-hydrochloric acid or sodium hydroxide in an aqueous medium" by [Fizicko-kemijski institut Prirodoslovno-matematskog fakulteta, Zagreb] R. H. H. Wolf and B. Tezak. Pt. 2 & 3. Reviewed by O.A. Weber. Bul so Youg 7 no.3:73, 74 Je '62.

1. Rédacteur d'extraits, "Bulletin scientifique."

WEBER, O.A.

"Some additional light scattering functions for polystyrene latexes"
by [Fizicko-kemijski institut Prirodoslovno-matematickog fakulteta i
Zavod za primenjenu biokemiju Skole narodnog zdravlja "A.Stampar",
Medicinski fakultet, Zagreb] Gj. Dezelic. Reviewed by O.A.Weber.
Bul sc Youg 7 no.3:74 Je '62.

WEBER, O.A.

"Decomposition of hexacyanoferrate (II) in analysis. VII. New spot test for palladium" by [Zavod za analiticku kemiju, Tehnoloski fakultet, Zagreb] I.Kraljic. Reviewed by O.A.Weber. Bul sc Young 7 no.3:74 Je '62.

WEBER, O.A.

"Oxydative degradation of ethyl aroyl-pyruvates with lead tetraacetate" by [Zavod za kemiju Prirodoslovno-matematičkog fakulteta, Skopje] J.Janculev and B. Podolesov. Reviewed by O.A.Weber. Bul mc Young 7 no.3:74 Je '62.

WEBER, O.A.

"Secondary hydrogen isotopes effects" by [Institut "R.Bonkovic",
Zagreb] S.Borcic, V.Belanic-Lipovac, and D.E.Sunko. Pt. 3.
Reviewed by O.A.Weber. Bul sc Young 7 no.3:74 Je '62.

CONFIDENTIAL
RCS
10/1/62

WEBER, O.A.

"Studies in the propiothiolactone series. III." by [Farmaceutski fakultet, Zagreb, i Istrazivacki laboratorij "Pliva", Zagreb] M.Dadic, D.Fles, and A.Markovac-Prpic. Reviewed by O.A.Weber. Bul sc Young 7 no.3:75 Je '62.

WEBER, O.A.

"The application of total decomposition of potassium hexacyanoferrate (II) in quantitative analysis. II. Photometric determination of microamounts of gold" by [Zavod za kemiju, Medicinski fakultet, Zagreb] V.Karas-Gasparic and T.Pinter. Reviewed by O.A.Weber. Bul so Youg 7 no.3:75 Je '62.

WEBER, O.A.

"A miniature laboratory apparatus for growing single crystals from solutions" by [Institut "R. Boskovic", Zagreb]. Reviewed by O. A. Weber. Bul sc Jug 7 no.3:75 Je '62.

WEBER, O.A.

"G matrix for tetrahedral XY_4 molecules" by [Institut "R.Boskovic",
Zagreb] M.Randic, and P.Colic. Reviewed by O.A.Weber. Bul sc
Youg 7 no.3:76 Je '62.

WEBER, O.A.

"Heterogeneous exchange of precipitates. IV" by [Institut "R. Boskovic,"
i Fiziko-kemijski institut Prirodoslovno-matematickog fakulteta,
Zagreb] M.Mirnik, and R.Despotovic. Reviewed by O.A.Weber. Bul
sc Young 7 no.3:76 Ju '62.

WEBER, O.A.

"Studies on 4-pyrones and 2-pyridones. I." by [Zavod za organsku
kemiju Tehnoloskog fakulteta, Zagreb] V.Hahn, and S.Kukulja.
Reviewed by O.A.Weber. Bul sc Youg 7 no.3:76 Je '62.

WEBER, O.A.

"Infrared spectra of anthracene crystal. Symmetry of fundamental vibrations" by [Institut "R. Boskovic", Zagreb] L. Colombo.
Reviewed by O.A.Weber. Eul sc Youg 7 no.3:76 Je '62.

WEBER, O.A.

"Electrochemical reduction of uranium (VI) to uranium (IV) in carbonate solutions" by [Institut "R. Boskovic", Zagreb] V.Pravdic, M.Branica, and Z.Pucar. Reviewed by O.A.Weber. Bul sc Young 7 no.3:76 Je '62.

edit :
doc :
ref :
3-76

WEBER, Rudolf

Use of transducers in heavy-current engineering. Elektrotechnik
18 no. 12:363 D '63.

1. Kablo Kladno, n.p., zavod Kablo Decin.

WEBER, S.

How we improved statistical reporting in forestry. p. 20

IAS POLSKI. (Ministerstwo Lesnictwa oraz Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Lesnictwa i Drzewnictwa) Warszawa, Poland. Vol. 29, no. 1, Jan. 1955

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

WEBER, V.

SLOVAKI TECHNIKA (Communication Engineering, Czechoslovakia)
Vol 2, No. 10, October, 1954

Properties of Czech-produced ceramic condensers.

Electrical properties and application of four types of the condensers are reviewed. Type A has a dielectric constant of 6.5 and an insulation resistance of 10^{12} ohms, the dielectric constants of types B, U and H being 20, 90 and 1,000-4,000, respectively. The insulation resistance of the B, U and H is 10^{11} ohms.

By V. Weber

.....303-305

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WEBER, Z.

647.8/3:621-529

71. Continuous production methods for textile finishing plants, by M. Eke and Z. Weber. ("Gyár Textiltechnika" — Hungarian Textiles — Vol. III, No. 7-8, pp. 254-266, July-Aug., 1950).

Automation is especially important with continuous production, since it will result in a saving of dyestuffs, of chemicals, of energy and of time. A 20 per cent saving of chemicals can be obtained by continuous bleaching at a speed of 150 m per minute. The dyeing time can be substantially shortened by raising the temperature of the dye bath to over 100 C°. By the mechanization of screen printing, for instance, eight stencil plates can work simultaneously and thus production can be raised to three times the output as compared to the older methods. By instituting a continuous process for cleaning 25 to 30 m of goods can be turned out per minute. The modernization of factories can be realized partly by adapting the existing antiquated equipment to modern needs, and, partly by installing new machines. The most urgent task at present is to render the old equipment suitable for continuous processing. It would be economical to set up small separate plants for designing and making samples, for the engraving of cylinders, for chroming and for galvanizing.

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

1950H 5743114

1950H 504147

1951H 504147

WEBER, Zdenek promovany inžinér

"Semic conductor elements and their use" edited by A. Fedotov. Reviewed
by Zdenek Weber. Slaboproudý obzor 25 no.12: Suppl: Technická literatura
25 no.12:189 '64.

WEBER, Z., promovany fyzik

Supersonic range finder. Geod kart obzor 11 no.3:62 Mr '65.

Electronic theodolite. Ibid.:69

KITMAR, Erik, MUDr.; ~~WERNERSCHINKE~~ Jiri; Stechnickou spolupraci
M. Konigove a A. Prikopove.

Kahn's universal reaction in investigations of nonspecific
positive syphilis. Cesk. dermat. 30 no.6:328-334 Dec 55.

1. Z ustredni vojenske nemocnice.

(SYPHILIS, diagnosis,

serol., Kahn's universal reaction in nonspecific
positive cases)

KITTNER, Erik; SVEJCAR, Jan; WEBERSCHINKE, Jiri

Serodiagnosis with living and killed Treponema antigens. I. Isolation and cultivation of pathogenic strains of Treponema pallidum in animals. Cas. lek. cesk. 97 no.12:376-380 21 Mar 58.

1. Vojenski ustav hygieny epidemiologie a mikrobiologie.

(TREPONEMA PALLIDUM,

isolation & preserv. in rabbits of pathogenic strains for serodiag. (Cz))

KITTHAR, Erik; VLASAK, Zdenek; ~~WEBERSCHINKE, Jiri~~

A new specific reaction in serodiagnosis of syphilis. Cas.lek.
cesk.99 no.39:1257-1258 23 8 '60.

1. Ustav ser a ockovacich latek, Praha, reditel dr. Jiri Malek,
Vojensky ustav hygieny, epidemiologie, mikrobiologie, Praha,
nacelnik dr. Zdenek Vlasal.
(SYPHILIS diag)

KITNAR, E.; VLASAK, Z.; WEBERSCHINKE, J.

Demonstration of specific antibodies against *Treponema pallidum* in an animal test. J. hyg. epidem., Praha 5 no.2:241-247 '61.

1. Institute of Sera and Vaccines, Prague Military Institute of Hygiene, Epidemiology and Microbiology, Prague.

(TREPONEMAL INFECTIONS immunol)

WEBERSCHINKE, J.; KITTNAR, E.

Treponema pallidum immobilization test under aerobic conditions and in a simple medium. J. hyg. epidem., Praha 7 no.4:415-421 '63.

1. Military Institute of Hygiene, Epidemiology and Microbiology and Institute of Sera and Vaccines, Prague.

KAHLICH, R.; WEBERSHINKE, J.

Contribution to the incidence and evaluation of Citrobacter in man.
Cesk. epidem. 12 no.1:55-64 Ja '63.

1. Vojensky ustav hygieny, epidemiologie a mikrobiologie v Praze.
(~~ESCHERICHIA~~) (ENTEROCOLITIS) (SALMONELLA INFECTIONS)
(DYSENTERY BACILLARY) (DYSPEPSIA)

TETER, Jerzy; SZYSZKOWSKA, Izabela; WECEWICZ, Grazyna

The loss of endometrial reactivity in postpartum pituitary insufficiency. Ginek. pol. 35 no.1:65-71 Ja-F'64

1. Z I Kliniki Położnictwa i Chorob Kobietych AM w Warszawie;
kierownik: prof.dr.med. T.Bulski.

*

BOCZKOWSKI, Krzysztof; TETER, Jerzy, doc. dr.; WEGEWICZ, Grażyna;
MACKIEWICZ, Krystyna.

A case of Turner's syndrome with normal feminine karyotype 46/XX.
Endokr. Pol. 16 no.2:133-139 Mr.-Ap'65.

1. I Klinika Położnictwa i Chorob Kobiectych Akademii Medycznej
w Warszawie (Kierownik: prof. dr. T. Bulski) i Oddział Endo-
krynologii (Kierownik: doc. dr. J. Teter).

WECHEWICZ
TETER, Jerry; WECHEWICZ, Grazyna

Pituitary insufficiency following labor. Gln.polska 26 no.3:351-363
July-Sept. '55.

1. Z I Kliniki Chorob Kobietych i Polosnictwa A.M. w Warszawie.
Kierownik: prof. dr A. Cysiewicz, i s Centralnej Poradni Ochrony
Macierzynstwa i Zdrowia Dziecka w Warszawie. Kierownik: doc. dr.
T. Buleki.

(PUPPERIUM, complications,
Simmonds' dis.)

(SIMMONDS' DISEASES,
postpartum)

WECHEWICZ, Grazyna

Severe dysmenorrhea treated with hormones; findings on the action of stilbestrol & methyltestosterone. Gin. polska 29 no.2:225-232 Mar-Apr 58.

1. Z Poradni Endokrynologicznej dla Kobiet w Warszawie Kierownik: doc. dr med. J. Teter.

(DYSMENORRHEA, ther.

stilbesterol & methyltestosterone, case report (Pol))

(DIETHYLSTILBESTEROL, ther. use

dysmenorrhea, case report (Pol))

(TESTOSTERONE, ther. use

methyltestosterone with diethylstilbesterol in severe dysmenorrhea, case report (Pol))

WECEWICZ, Graszyna; NADWORNY, Jerzy

Synopen therapy of pruritus vulvae. Polski tygod. lek. 16 no.6:
212-213 6 P '61.

1. Z Poradni Endokrynologicznej w Warszawie; kierownik: doc. dr
med. J. Teter.

(ANTI-HISTAMINICS ther) (PRURITUS ther)
(VULVA dis)

TETER, J.; WECEWICZ, G.

Comparative clinico-pathological and chromatin sex studies in
26 cases of gonadal dysgenesis with female phenotype. Folia biol
10 no.3/4:319-320 '62.

1. I Clinic of Obstetrics and Gynecology, Medical Academy, Warsaw.

JK

POLAND

J. TETER and G. WECHEWICZ, First Clinic of Obstetrics and Gynecology, Medical Academy [original version not given], Warsaw.

"Comparative Clinico-Pathological and Chromatin Sex Studies in 26 Cases of Gonadal Dysgenesis with Female Phenotype."

Krakow, Folia Biologica, Vol 10, No 3-4, 1962; pp 22-23.

Abstract [English article]: Condensed version of paper presented at the symposium on human genetics Warsaw January 1962. Histologic pattern in 12 cases of Turner syndrome and 14 eunuchoidal gonadal dysgenesis was essentially identical; involving gonadal aplasia, good cortex and medulla with clumps of Leydig cells, some rudimentary seminiferous tubules and mesonephric remnants, with primordial follicles in cortical part. Male sex chromatin in 19, female in 4. Chromatin negative (male) cases of Turner syndrome have 45 chromosomes, XO. Eunuchoidal gonadal dysgenesis without associated circulatory, skeletal or other anomalies, usually 46 chromosomes but one X chromosome may be fragmented.

1/1

WECWICZ, Grazyna; SADOWSKI, Janusz; GUSTOWSKI, Andrzej; BOCZKOWSKI,
Krzysztof

Primary amenorrhea related to tumor of the pituitary gland
(Report of 4 cases). Endokr. Pol. 15 no.3:309-319 My-Je '64

1. I Klinika Położnictwa i Chorob Kobietych Akademii medycznej
w Warszawie (Kierownik: prof. dr. T. Bulski); Oddział Endokry-
nologiczny (Kierownik: doc. dr. J. Teter) oraz I Klinika Chorob
Wewnętrznych Akademii Medycznej w Warszawie (Kierownik: prof.
dr. A. Biernacki [deceased]).

WECEWICZ, Grazyna; BOCZKOWSKI, Krzysztof

Comparative investigations of sex chromatin and chromosome patterns in cases of primary amenorrhea. Ginek. Pol. 36 no.3: 285-291 Mr '65.

1. Z I Kliniki Położnictwa i Chorob Kobietych AM w Warszawie (Kierownik: prof. dr. med. T. Bulski).

Wechsler, H.

RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31323

Author : Arventiev, B., Strul, M., Wechsler, H.,
Cahane, D.

Inst : -

Title : Synthesis and Study of Some Derivatives of
Arylrhioures. V. Methyl- and Halogen- α -
-Naphthylthioureas.

Orig Pub : Studii si certetari chim., 1957, 5, No 4,
611-617

Abstract : Continuing the earlier work (report IV,
Ref Zhur-Khimiya, 1958, 50312), and with a
view to study the effect of various substi-
tuents on the toxicity of α -naphthylthio-
urea (I), the following was synthesized:

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RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31323

2-methyl-I (II), 4-chloro-I (III), 8-chloro-I (IV), 4-bromo-I (V) and 5-bromo-I (VI). V was obtained by hydrolyzing N-benzoyl-N'-(4-bromo- α -naphthyl)-thiourea (VII). II to IV and VI were synthesized by described methods of heating the hydrochlorides (HCl's) of corresponding amines with NH_4CNS in glacial CH_3COOH . N,N'-di-(2-methyl- α -naphthyl)-thiourea (VIII) and N,N'-di-(8-chloro- α -naphthyl)-thiourea (IX) were obtained also. III to V proved to be very toxic to white rats; it was found that II is more toxic than I. II was prepared from 2 g of 2-methyl- α -naphthylamine hydrochloride (X) and 0.9 g of NH_4CNS (XI) in 5 ml of glacial CH_3COOH (hea-

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RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31323

ting for 4 hours in a water bath), yield 81 percent, melt. p. 196-197^o (from water). 2 g of X was added to the solution of 0.6 g of KOH in 30 ml of alcohol, the mixture was filtered, 0.5 ml of CS₂ was added to the filtrate which was heated in a water bath for 8 hours, and VIII was filtered off, yield 66 percent, melt. p. 225^o (from glacial CH₃COOH). The substances, the yield in percent and the melting points in ^oC are presented: III, 87, 205 (from toluene); IV, 82, 184-185 (from toluene); VI, 48, 219-220 (from alc.). [Repetition in the original] 2 g of X was added to the solution of 0.6 g of KOH in 30 ml of alcohol, the mixture was

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RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31323

filtered, 0.5 ml of CS_2 was added to the filtrate which was heated in a water bath for 8 hours, and VIII was filtered off, yield 66 percent, melt. p. 225° (from glacial CH_3COOH).] IX, melt. p. $186-187^\circ$ (from alc.), was prepared from 1.8 g of 8-chloro- α -naphthylamine hydrochloride, 3 g of KOH, 0.5 ml of CS_2 and 7 ml of alcohol in a similar way (heating for 10 hours). The mixture of 1.2 g of XI and 2.1 g of $\text{C}_6\text{H}_5\text{COCl}$ in 6 ml of abs. acetone was heated in a water bath for 5 min., after which the solution of 3.3 g of 4-bromo- α -naphthylamine in 7 ml of absolute acetone was added and the mixture was heated

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RUMANIA/Organic Chemistry. Organic Synthesis.

G-2

Abs Jour : Ref Zhur-Khimiya, No 9, 1959, 31323

again for 15 min, VII was filtered off,
yield 87 percent, melt. p. 181-182° (from
toluene). V was prepared by boiling (20 min)
1 g of VII in 5 percent aqueous solution of
KOH, yield 66 percent, melt. p. 199° (from
toluene). -- A. Marin

Card : 5/5

WECHSLER, P., ing.

Rolling mill automation. Metalurgia constr mas 15 no.8:512-516
Ag '63.

1. Institutul de proiectari de laminoare.

VRBICKY, B.; WECKER, K.

Methods of dewatering detritus in the Ostrava-Karvina coal basin. Vysl ban vyzk 3:137-145 '64.

1. Institute of Mining, Czechoslovak Academy of Sciences, Prague (for Vrbicky). 2. Degasification and Dewatering Plant of the Ostrava-Karvina Coal Basin.

W. ECKO WICZ, H

Effect of nuttle meal on egg
Znamierczak, J., Wodzinowski, H.,
and H. Wecławski (Rozpr. Nauk.
Rozpr. Nauk. 1974, 45, 11, 271-281).
Replacement of *lucerna* meal by
layers, *lucerna* meal did not in-
crease the average *lucerna* per egg but in-
creased the fertility of the egg.
The fertility of the egg was
improved by the nuttle meal.

production and hatchability. G.
Znamierczak, H. Wodzinowski,
and H. Wecławski (Rozpr. Nauk.
1974, 45, 11, 271-281).
In equal wt. of nuttle meal in a
layer, *lucerna* meal did not in-
crease the average *lucerna* per egg but in-
creased the fertility of the egg.
The fertility of the egg was
improved by the nuttle meal.

KOBIEŁOWA, Zofia; HORNIK, Norbert; WECLAWOWICZ, Janina

Anabolic value of steroids in the treatment of malnutrition
states in children. *Pediat. pol.* 38 no.2:181-186 '63.

1. Z I Kliniki Chorob Dzieci AM w Krakowie Kierownik: prof. dr
T. Giza.

(INFANT NUTRITION DISORDERS)
(NORTESTOSTERONE)
(ANABOLIC STEROIDS)

SYCH, Marek; PIECH, Andrzej; GLAZUR, Janina; MOROZ, Janusz;
SZLEZYNGER, Jozef; WECLAWOWICZ, Janusz; STEFANKO, Stanislaw;
LADZINSKI, Kazimierz

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dr J. Bogusz z Oddziału Chirurgicznego Szpitala Wojskowego
w Krakowie Ordynator: plk. dr A. Bielas z Pracowni Anatomo-
patologicznej Szpitala Wojskowego w Krakowie Kierownik: mjr
doc. dr S. Stefanko z Kliniki Neurochirurgicznej AM w Krakowie
Kierownik: prof. dr A. Kunicki.

(ELECTROENCEPHALOGRAPHY)

(LEUKOCYTE COUNT)

(ELECTROCARDIOGRAPHY)

(EPINEPHRINE) (PHARMACOLOGY)

(BLOOD PRESSURE)

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I. Z. Kliniki Dziecięcej A. M. w Krakowie-Kierownik. prof. dr med T. Giza
Oddz. Obserwac. Ordynator: prof dr med. W. Mikulowski. Adres autora:
Krakow, ul Biskupia 8.

(RHEUMATIC FEVER, in infant and child,
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Zakładu Anatomii Patologicznej (Kierownik: prof. dr. J. Kowal-
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p. 19
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Vitamins. Antibiotics.

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Author : Jasinski T., Marcinkowska K., Weclawska K.

Inst :

Title : The Titration in Non-Aqueous Media of Some Two-
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Orig Pub: Acta Polon. pharm., 1957, 15, No 4, 261-266.

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Card : 1/1

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WECLEWSKA M

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Weclewska M.
by Means of
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ków" (Prac
figs. 8 tabs

(MARIA)

541.163 : 547.97 : 662.66.001.4

W. Dłpiński W. Investigation of the Inner Surface of Coals
the Dyesuff Adsorption Method.
powierzchni wewnętrznej węgla metodą adsorpcji barwni-
Gl. Inst. Gór., No. 136), Katowice, 1953, PWN, 26 pp., 12

Examination concerning the adsorption of certain organic dyestuffs was carried out on 20 bituminous coals having a varying degree of coalification according to the composition and structure of the coalification, according to the composition and structure of the dyestuff and the properties of coal. It was ascertained that the cations of all basic dyestuffs tested are adsorbed on all coal ranks tested in a quantity which invariably decreased as the coalification degree of coal increased. On the other hand, certain of the acid dyestuffs in which, as was ascertained, both cations and anions are adsorbing, adsorbed on all coals; others — on the lower rank coals only, whereas still others failed to adsorb on any of the coals tested. Tests were carried out over the influence of mineral matter content in coal, grain size, temperature, faculty of associating with the dyestuff and other factors upon the adsorption magnitude and accuracy of measuring. The specific surfaces of various types of coals were calculated from isotherms of methylene blue and thryoidine. It was found that the results of these calculations are in agreement with the interpretation results of low-temperature nitrogen adsorption isotherms for identical coals.

WECLEWSKA, MARIA

✓ Spectrophotometric analysis of coal ash. Maria Weclewska (Główny Inst. Górniczo-Hutniczy, Silesia, Poland). Prace Głównego Inst. Górniczo-Hutniczego, No. 163, 15 pp. (1964) (English summary). W. shows how the main

constituents of coal ash (SiO_2 , Fe_2O_3 , Al_2O_3 , TiO_2 , and P_2O_5) can be rapidly detd. spectrophotometrically. CaO is detd. by titration. Detn. of MgO consists in spectrophotometric detn. of P which is combined with MgO . Two ash samples are taken; each is fused with a mixt. of Na_2CO_3 and K_2CO_3 . In the 1st sample SiO_2 , Fe_2O_3 , and Al_2O_3 are detd., and in the 2nd one P_2O_5 , TiO_2 , CaO , and MgO are detd. The whole analysis is completed within 14 hrs., which is 2-3 times faster than the present conventional detns. The accuracy is the same. A Coleman spectrophotometer Model 11a was used. Spectrophotometric curves are given. 24 references.

F. J. Hendel

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1776. Polarographic determination of traces of metals in pure aluminum. *Pracech Międzygosp. Instytut. Sejm. Warsz.* 1935, 1 (5-6), 72-75. (English abstracts in *Chem. Anal.*)
The determination of traces of Zn, Pb, Cu, Fe and Al is described. A solution of the material with NH_4Cl and used determination of Zn at -1.4 V , and of Copper, Fe and Mn were determined in addition to the original solution and gum acacia in the ratio -0.6 V , -1.0 V and -1.7 V . Concentrations of these metals determined by comparison with Al(OH)_3 and testing polarographically.

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1-4E2C

EM

Weclawska, Maria

✓ Polarographic determination of trace amounts of zinc in pure aluminum. *Maria Weclawska and Malgorzata Picheta, Inst. Katolicki, Poland. Chem. Abstr. (Warsaw) 1: 180-3 (1953) (English summary). -- Zn and Pb were detd. directly in the original Al+++ soln. in HCl after*
with NiCl₂ and Cu, Fe, and Mn (in amts. of about 0.01%) after mixing the soln. with Ni(OH)₂, glycerol, and gum arabic in the ratio 1:2:1. Lower concns. of these metals can be detd. by sepg. them as hydroxides and redissolving in HCl.
A. Kreglewski

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PMK*

WECLEWSKA, M.

6

Polarographic determination of germanium in coal ash. Marka Węcłewska and Gertruda Papand (Główny Inst. Chemiczny, Katowice, Poland). *Chem. Anal.* 3, 889-92 (1958) (English summary).—A polarographic method for detg. Ge in coal ash contg. 0.5 mg./ml. and more is described (cf. Valenta and Zuman, *C.A.* 49, 7417f; Cluley, *C.A.* 45, 10125h). Fuse about 0.5 g. of coal ash with 4 g. NaOH and about 0.5 g. Na_2O_2 in a Ni crucible. Dissolve the alloy (product) in about 20 ml. H_2O , and neutralize with H_2SO_4 (3:1). Add 1 vol. of concd. HCl (total vol. of soln. about 75 ml.). Distil off $\frac{1}{2}$ vol. at $107-8^\circ$ to the receiver contg. 10-15 ml. concd. NH_3 . To the distillate add NH_3 to pH 6 and fill with H_2O to 50 ml. Take 10 ml. of soln., add 2 ml. of standard soln. (dissolve 58.4 g. of verenate in 2N NaOH, dil. to 1 l. with buffer contg. 50 g. KH_2PO_4 /100 ml. dild. with 0.1N NaOH to pH 6.2, and adjusted to pH 7.8 with 2N NaOH), 0.5 ml. of gum arabic, and 1 drop NH_3 if pH < 7.5 . Begin polarographic detn. at 800 mv. Add Ge soln. contg. 0.1 mg./ml. in such amts. as will increase the height of the polarographic wave by $\frac{1}{2}$ or $\frac{1}{3}$. From 0.006 to 0.004% Ge can be detd. in coal ash. The results were compared with those obtained by spectrographic and spectrophotometric methods. Good agreement was obtained within 0.006-0.27% Ge. Z. Kurtyka

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Polarographic determination of germanium in coal ash. p. 889.

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UNCL.

II

COUNTRY : POLAND
 CATEGORY : Chemical Technology. Chemical Products and
 Their Uses. Part 3. Processing of Solid*
 ABS. JOUR. : RZKhim., No. 1 1960, No. 2361
 AUTHOR : Roga, B.; Innatowicz, A.; Woclewska, M.;**
 INST. : Main Institute of Mining
 TITLE : Study of Boron Content in Polish Coals

ORIG. PUB. : Prace Glown. inst. gorn., 1958, B, No 212,
 7 s., tabl.

ABSTRACT : The B content in Polish coals (C) of different
 degrees of metamorphism was determined by
 spectrographic and spectrophotometric methods.
 It was established that the enrichment of C
 in difficult media and conditions, excluding
 secondary contamination, leads to a decrease

*Fossil Fuels
 **Innatowicz, M.

CAPD: 1/2

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WECLAWIK, Marian, inz.; MIELNICZUK, Mieczyslaw; BRODECKI,
Boleslaw

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1. Cementownia, Chelm.

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Influence of organic liquid vapors on the physical and chemical properties of coal. Glow inst gorn prace no.340:1-28 '64.

1. Central Mining Institute, Katowice,

MALANOWSKA, B.; WECSILE, J.

Vapor pressures and boiling temperatures of some quinoline bases.
Bul chim PAN 12 no.4:239-241 '64.

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SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

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1. Okresni transfuzni stanice, Klatovy, predn. D.Bufkova, OUNZ
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WEDRICHOWICZ, St.

Country : POLAND
 Category : General Biology.
 Abs. Jour : RZhBiol., No. 3, 1959, No 9669
 Author : Chwojowski, A.; Wedrichowicz, St.
 Institut. :
 Title : A Primigravida Abdominal Bigeminal Pregnancy
 in a Rabbit.
 Orig Pub. : Med. weteryn., 1955, 11, No 12, 736-738
 Abstract : No abstract.

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Z. Traunfellner) i z Oddziału "A" Chorob Wewnętrznych Szpitala
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POLAND/General Problems of Pathology. Tumors. Experimental
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U-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 93960

Authors : Chwojnowski, A.; Wedrychowiez, St.

Inst : Not given

Title : Pathological and Anatomical Casuistry of Skin Tumors of the
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Orig Pub : Med. weteryn., 1955, 12, No. 14, 233

Abstract : No abstract given

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Milk ring test of the milk of cows immunized in adult age with
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(Milk) (Cattle) (Immunity) (ABR test)

WEDRYCHOWSKI, M.

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Uncl.

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Department of Specialized Investigations; its scientific activities.
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Corrections and remarks on J.Haligowski and E.Romanowicz's article
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